

Listing of Claims

1. (Currently Amended) A therapy combination which comprises a locating unit-(1) for locating a therapy zone within an object and also comprises a therapy unit-(2) which is provided with a therapy head-(203) for focusing energy in a focus-(F₂), the therapy unit-(2) and the locating unit-(1) being movable relative to one another, there also being provided a measuring device which comprises two sub-systems and serves to determine the relative position of the two sub-systems, one sub-system-(107, 108) being attached to the locating unit-(1) while the other sub-system-(207, 208) is attached to the therapy unit-(2) in a defined position relative to the therapy head-(203).
2. (Currently Amended) A therapy combination as claimed in claim 1, which comprises a display unit-(5) for the display of images formed by means of the locating unit (1), and also comprises means-(100, 4) for determining the position of the focus in an image formed by the locating unit from the determined relative position of the sub-systems, and also means-(4) for generating a mark-(F₂) characterizing the position in the image.
3. (Currently Amended) A therapy combination as claimed in claim 1, in which one sub-system comprises an ultrasound transmission unit with at least three ultrasound transmitters-(208) which are situated at a distance from one another whereas the other sub-system includes an ultrasound receiving unit with at least three ultrasound receivers-(108) which are situated at a distance from one another, there being provided means-(111) for measuring the times of flight of the ultrasound signals from the ultrasound transmitters to the ultrasound receivers and means-(4, 111) for determining the position of the ultrasound receiving unit relative to the ultrasound transmission unit.
4. (Currently Amended) A therapy combination as claimed in claim 1, in which the therapy unit-(2) and the locating unit-(1) are displaceable on a respective carriage-(01, 105).

5. (Currently Amended) A therapy combination as claimed in claim 1, which comprises a locating system provided with an X-ray source ~~(102)~~ and an X-ray image converter ~~(101)~~.

6. (Currently Amended) A therapy combination as claimed in claim 5, in which the X-ray source ~~(102)~~ and the X-ray image converter ~~(101)~~ are attached to the ends of a C-arm ~~(103)~~, the associated sub-system ~~(107, 108)~~ of the measuring device being attached to the C-arm or to one of the components attached thereto, preferably to the X-ray image converter ~~(101)~~.

7. (Currently Amended) A therapy combination as claimed in claim 6, in which the sub-system ~~(108)~~ associated with the locating unit ~~(1)~~ is attached to the X-ray image converter or to the X-ray source, and a third sub-system ~~(110)~~ which co-operates therewith is attached to the X-ray source, or to the X-ray image converter, in order to monitor the relative position of the X-ray image converter and the X-ray source.

8. (Currently Amended) The use of a measuring device ~~(4, 110)~~ with two sub-systems ~~(108, 208)~~ which are to be attached to the units of a therapy combination ~~(1, 2)~~ as claimed in claim 1 in order to determine the relative position of the two sub-systems or of the units.

9. (Currently Amended) A therapy system which comprises a therapy combination as claimed in claim 1 and a patient table ~~(3)~~ whose table top can be displaced in three mutually perpendicular directions.